

FOREWARD

Enclosed in this binder are three final documents for the evaluation of the Quantico Creek portion of the Quantico Watershed Study.

The first document is the Final Quantico Creek Ecological and Human Health Risk Screening Assessment. This document presents the results of the screening-level ecological and human health risk assessments for Quantico Creek adjacent to the Quantico Marine Corps Base in Northern Virginia. The three primary objectives of the screening-level risk assessments are: 1) to determine if operations at the Marine Corps Base have resulted in the release of chemical constituents to Quantico Creek; 2) to assess, using a screening and refinement approach, whether concentrations of chemical constituents related to Base activities occur at concentrations that possibly pose unacceptable risk to humans and ecological receptors; and, 3) to determine whether chemical concentrations present in sediments adjacent to the Base are different from concentrations in upstream sediments that represent background conditions in Quantico Creek.

The second document is the Final Risk Management Recommendations for Quantico Creek and the supplemental assessment of human health risks as requested by the Quantico Subgroup. The purpose of these documents is to present the recommended risk management actions for Quantico Creek in the context of the risk assessment results and the conceptual site model. These risk management recommendations were discussed with and agreed upon by the Quantico Subgroup and presented to the Quantico Project Managers Team (QPMT) for their review. The supplemental human health appendix evaluates the potential risks related to fish ingestion.

The third document is the Quantico Creek Close-Out Document No. 26 that summarizes the results of the Quantico Creek Ecological and Human Health Risk Screening Assessment and was agreed upon and signed by the members of the QPMT on January 22, 2003.